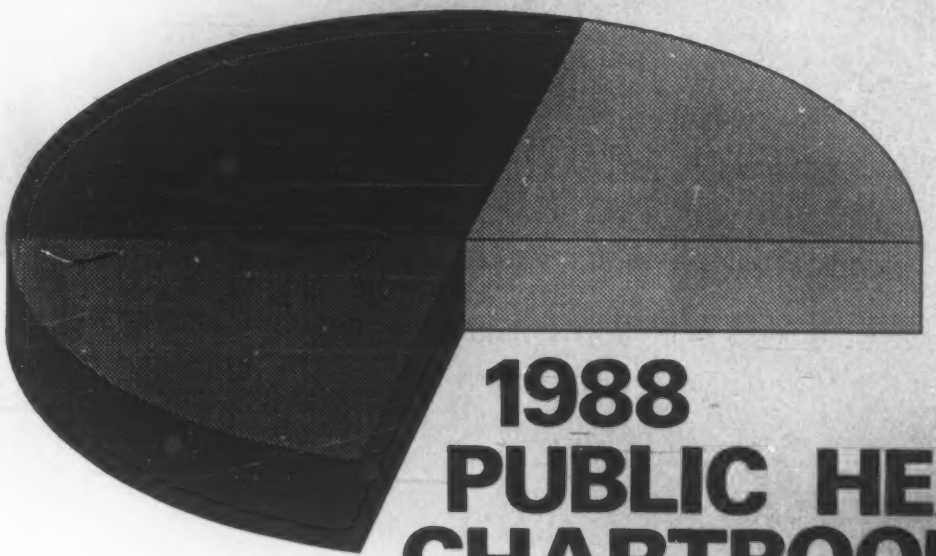

1988 PUBLIC HEALTH CHARTBOOK

PHF Public Health Foundation

Established by the Association of State and Territorial Health Officials

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This publication is based on data voluntarily submitted to the Public Health Foundation by the nation's state and territorial health agencies. Data analysis and publication of this report are supported, in part, by a cooperative agreement with the Center for Prevention Services, Centers for Disease Control, and by a grant from the Bureau of Maternal and Child Health and Resources Development, Health Resources and Services Administration, U.S. Department of Health and Human Services. The content of this report does not necessarily reflect the views or policies of the Department of Health and Human Services.

Publication No. 108
June 1988

1988 PUBLIC HEALTH CHARTBOOK

June 1988

Public Health Foundation
1220 L Street, N.W.
Washington, D.C. 20005
(202) 898-5600

FOREWORD

The 1988 edition of the **Public Health Chartbook** presents a broad overview of significant fiscal statistics from the nation's state and territorial health agencies. We appreciate the public health community's enthusiastic response to earlier editions of the Chartbook. This year's offering includes several new presentations of the data which have been enhanced through the use of a sophisticated graphics software package.

Data are collected through an annual survey conducted by the Public Health Foundation's ASTHO Reporting System. Since 1970, the Reporting System has maintained a database containing comprehensive information on the public health programs and expenditures of the nation's state and territorial health agencies. The Reporting System's core costs are supported by grants from the Public Health Service, Department of Health and Human Services. State and territorial health agencies contribute staff liaison, reporting services, and consultation on a voluntary, cooperative basis.

We are indebted to the Public Health Foundation Board of Directors and the Data Policy Review Panel for policy guidance, and to our project officers, E. Jerry Spyke of the Center for Prevention Services, Centers for Disease Control, and Dr. Aaron Favors of the Bureau of Maternal and Child Health and Resources Development, Health Resources and Services Administration, for their support and helpful comments. Finally, our perennial thanks to the individuals in the state and territorial health agencies for their continued efforts in supplying data and to George K. Degnon, ASTHO Executive Director, for his insightful comments and advocacy. Their dedicated support and assistance enabled us to present this comprehensive picture of our state health agencies.

James T. Dimas
Executive Director

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INTRODUCTION

This publication contains graphics displaying public health expenditures of the nation's state health agencies (SHAs) and local health departments (LHDs) for fiscal year 1986. It also examines trends in state health agency spending since 1976.

New to this year's edition are graphics on state health agency staffing, expenditures per capita, and additional trends in public health spending. Again this year, estimates were made for the nonreporting states and for unreported local health department data.*

This chartbook, along with the **1988 Prevention Block Grant Chartbook**, complements **Public Health Agencies 1988: An Inventory of Programs and Block Grant Expenditures**. The **Inventory** is a reference document displaying total expenditures for each program operated by the state and territorial health agencies. It also contains detailed state-by-state listings of state and local public health expenditures in fiscal year 1986. Other state health agency and local health department spending and services information can be found in the Foundation's bimonthly newsletter **Public Health Macroview**. To order any of these publications, contact:

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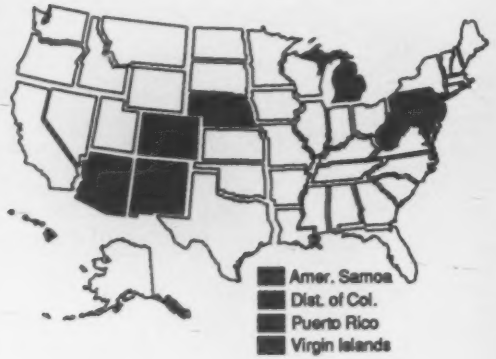
* There are 55 state health agencies; one in each of the 50 states, the District of Columbia, and four U.S. territories. Data have been estimated for American Samoa, Guam, Montana, and Wyoming, which did not report to the Public Health Foundation for fiscal year 1986. The estimates are included in the aggregates, but are not displayed in the state-specific graphics.

FIGURE 1.
ORGANIZATIONAL CHARACTERISTICS AND RESPONSIBILITIES DELEGATED TO STATE HEALTH AGENCIES , FISCAL YEAR 1986

Freestanding Independent Agency: 34 SHAs

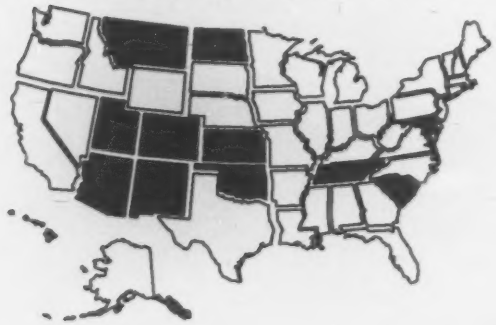
State Crippled Children's Agency: 42 SHAs

Mental Health Authority: 14 SHAs



Medicaid Single State Agency: 10 SHAs

Lead Environmental Agency: 12 SHAs

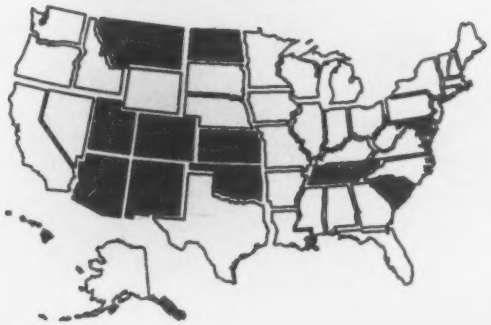


SHA Operates Institutions: 18 SHAs

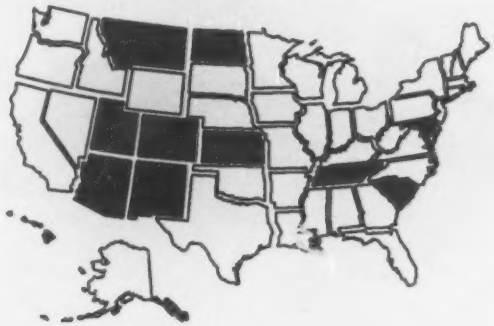
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 2A.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1986

Clean Air Act: 12 SHAs

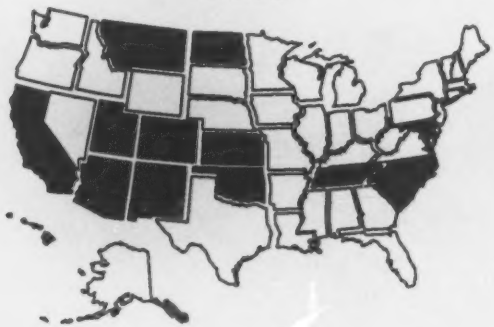


Clean Water Act: 11 SHAs

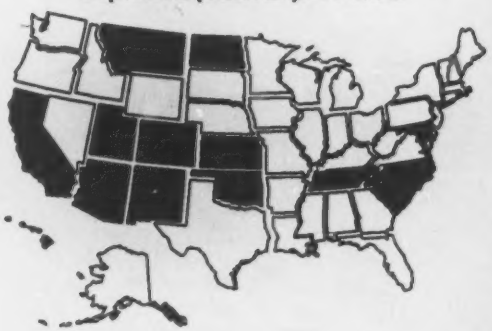


Safe Drinking Water Act: 32 SHAs

Resource Conservation and Recovery Act (RCRA): 14 SHAs



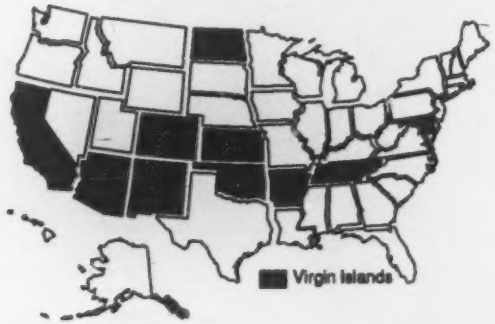
Superfund (CERCLA): 14 SHAs



Source: PUBLIC HEALTH FOUNDATION ♦ June 1988

FIGURE 2B.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1986 (continued)

Toxic Substances Control Act: 11 SHAs



Occupational Safety and Health Act: 5 SHAs

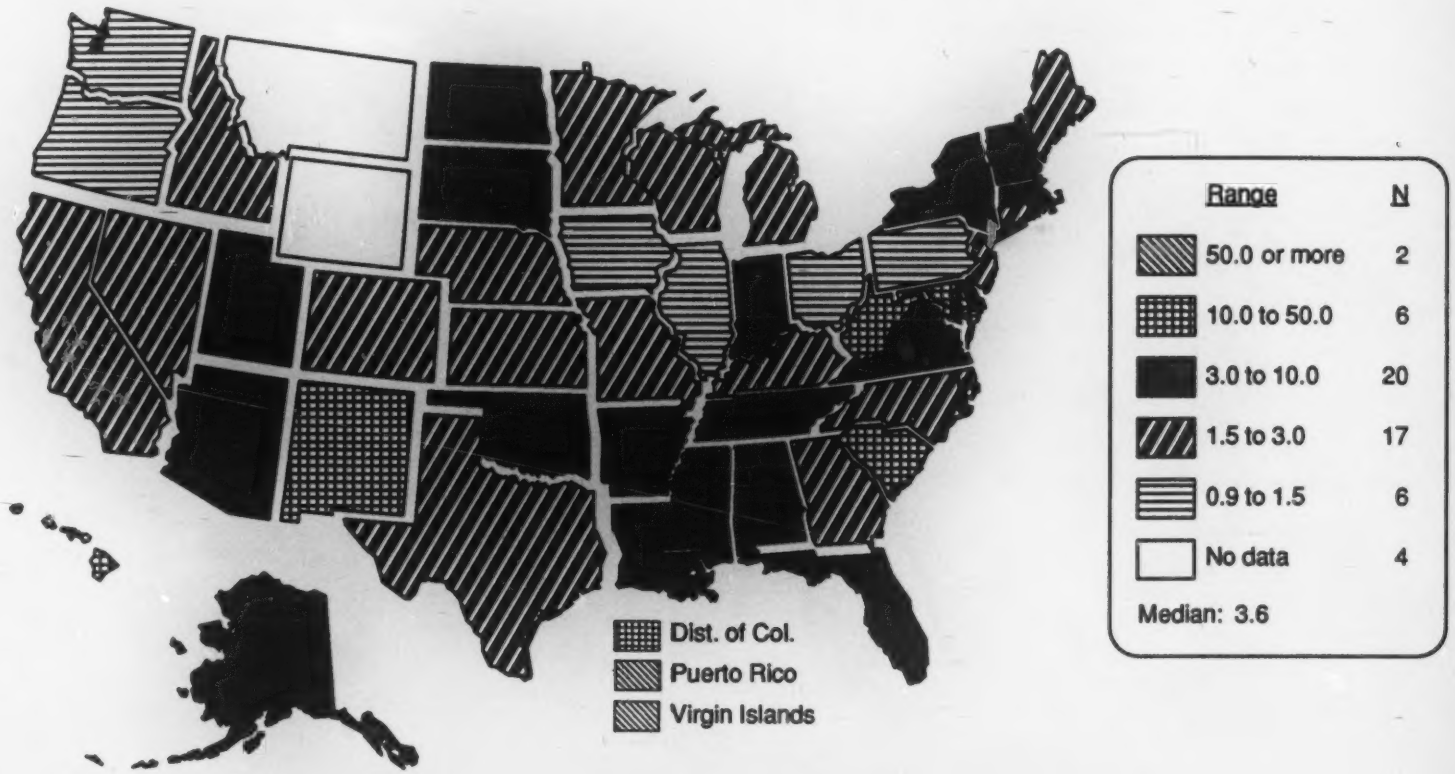
Food, Drug and Cosmetics Act: 22 SHAs

Federal Hazardous Substances Act: 13 SHAs

Consumer Product Safety Act: 19 SHAs

Source: PUBLIC HEALTH FOUNDATION • June 1988

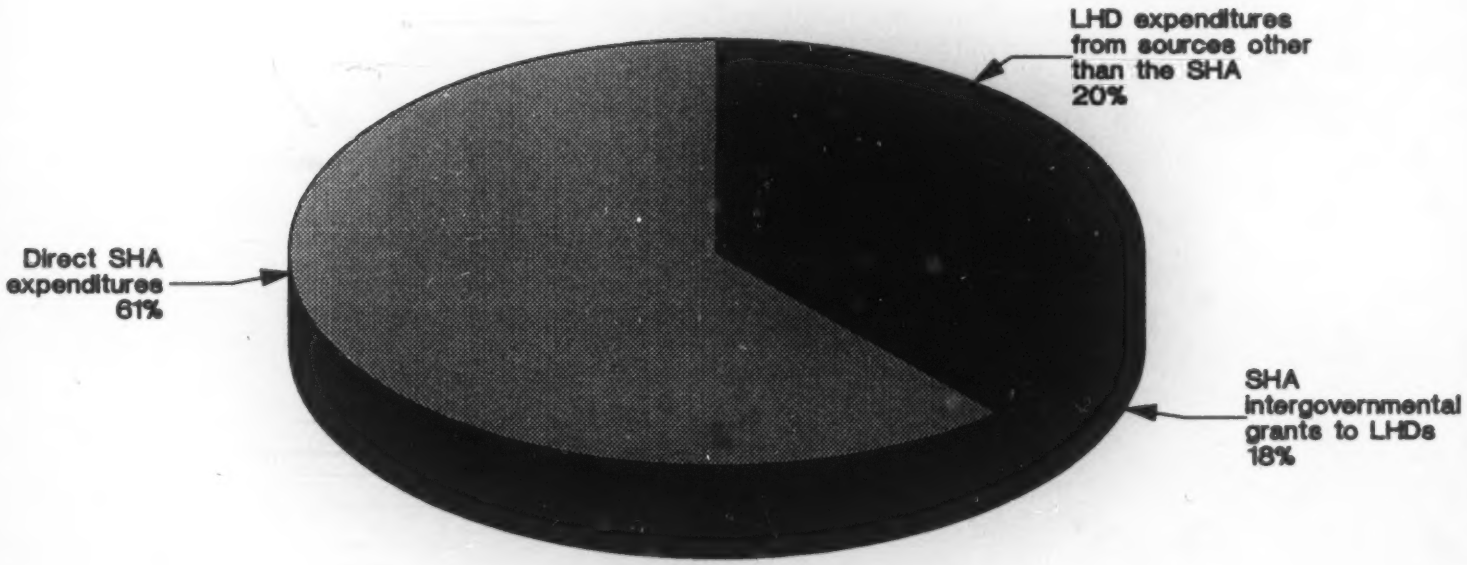
FIGURE 3.
NUMBER OF PERSONS EMPLOYED BY STATE HEALTH AGENCIES, PER 10,000 STATE POPULATION, AS OF DECEMBER 31, 1985



Note: See figures 1, 2A, and 2B for state health agency organizational characteristics and responsibilities, all of which influence the number of persons employed by state health agencies.

Source: PUBLIC HEALTH FOUNDATION • June 1988

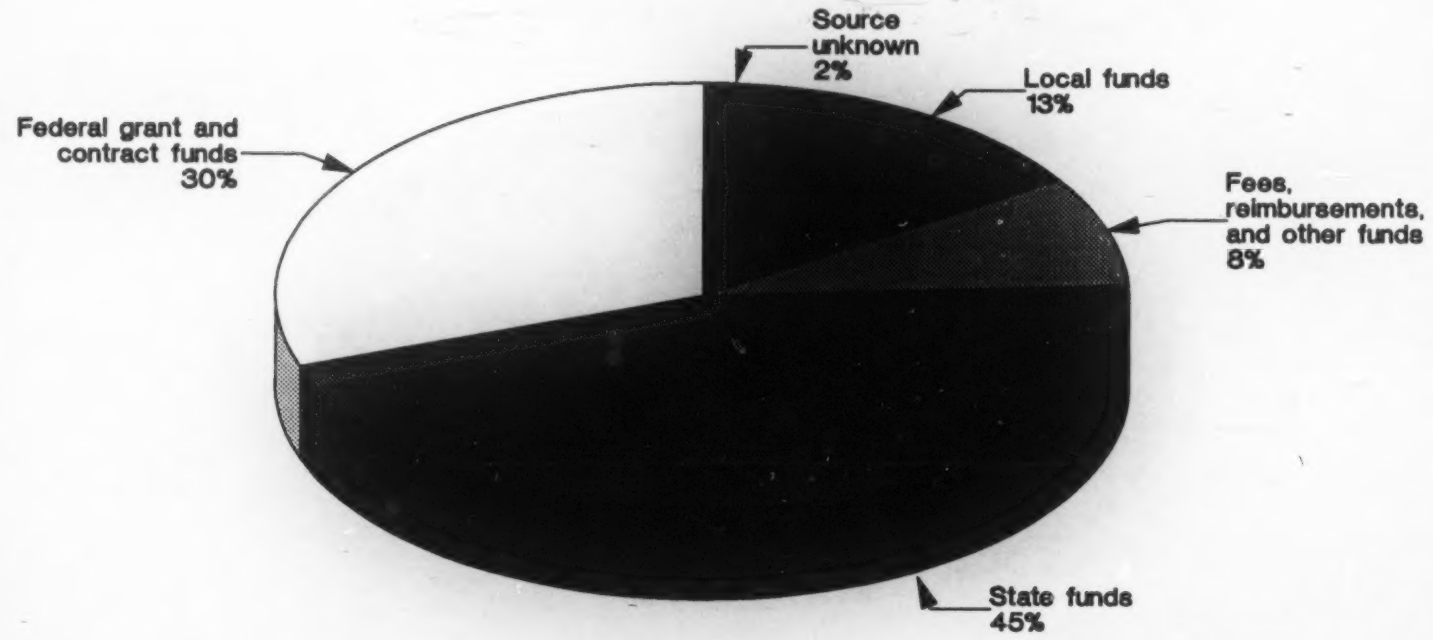
FIGURE 4.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY TYPE OF EXPENDITURE, FISCAL YEAR 1986


LHD expenditures from sources other than the SHA 20%
Direct SHA expenditures 61%
SHA intergovernmental grants to LHDs 18%

TOTAL: $9,385 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

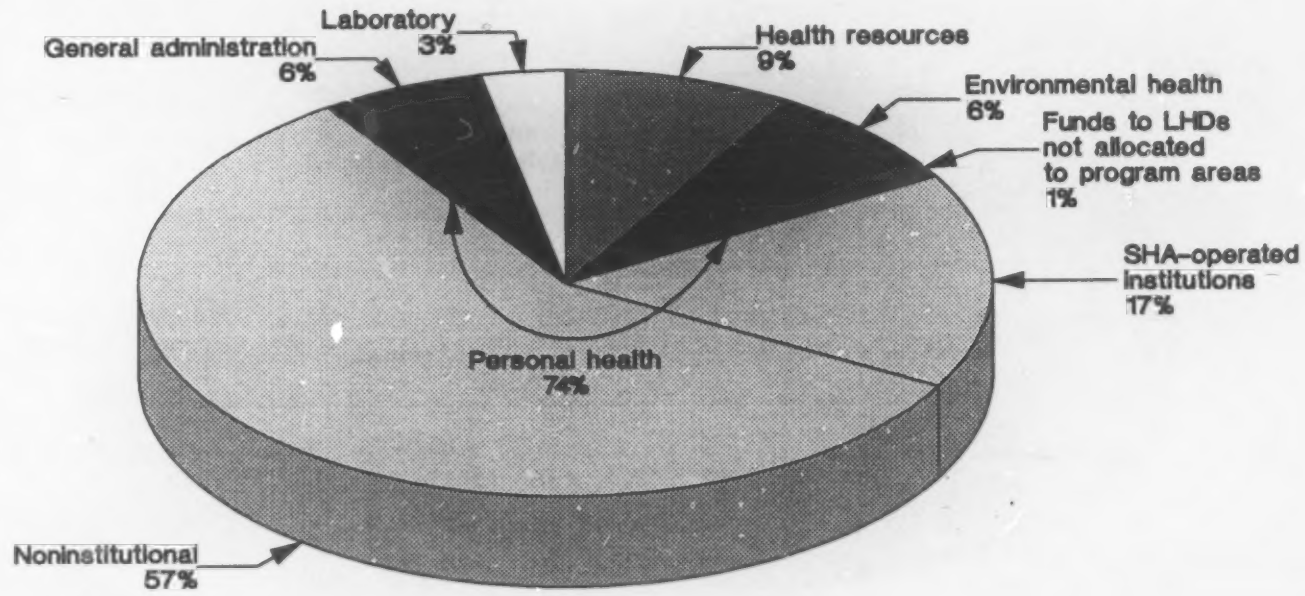
FIGURE 5.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1986


Source unknown 2%
Local funds 13%
Federal grant and contract funds 30%
Fees, reimbursements, and other funds 8%
State funds 45%

TOTAL: $9,385 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

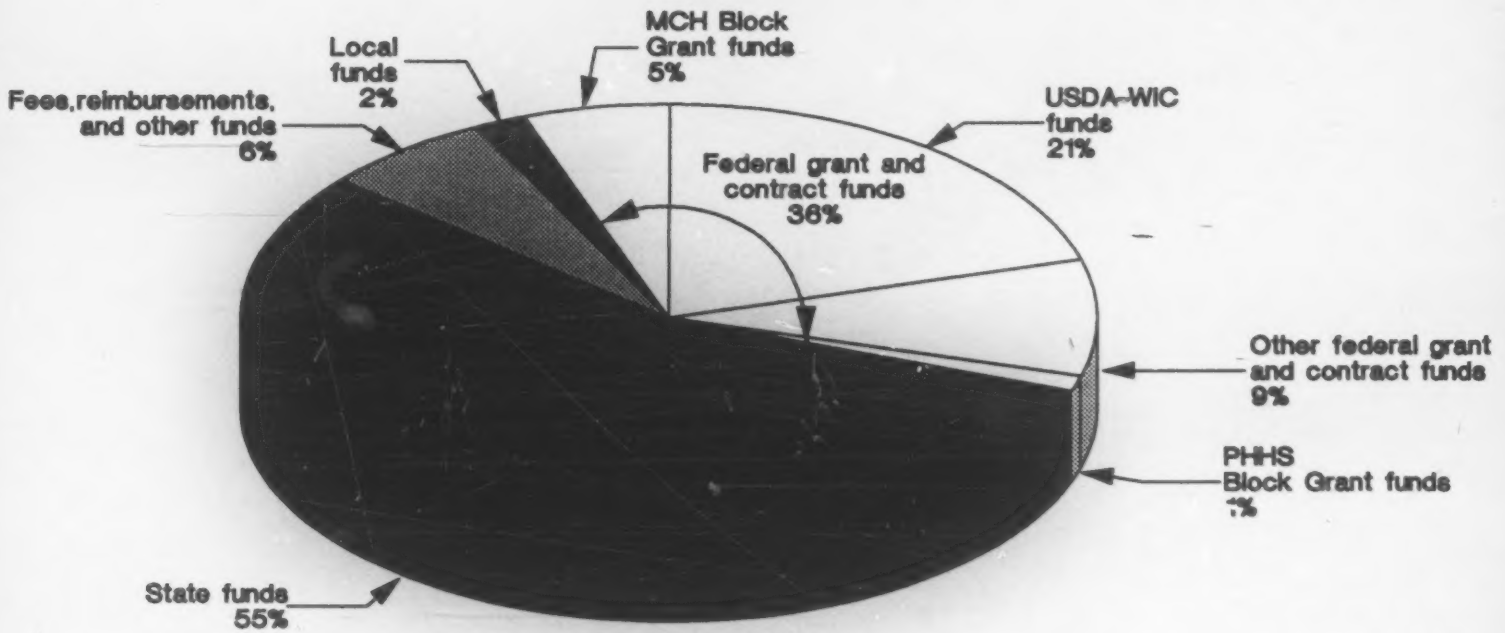
FIGURE 6.
STATE HEALTH AGENCY EXPENDITURES, BY PROGRAM AREA, FISCAL YEAR 1986



TOTAL: $7,464 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

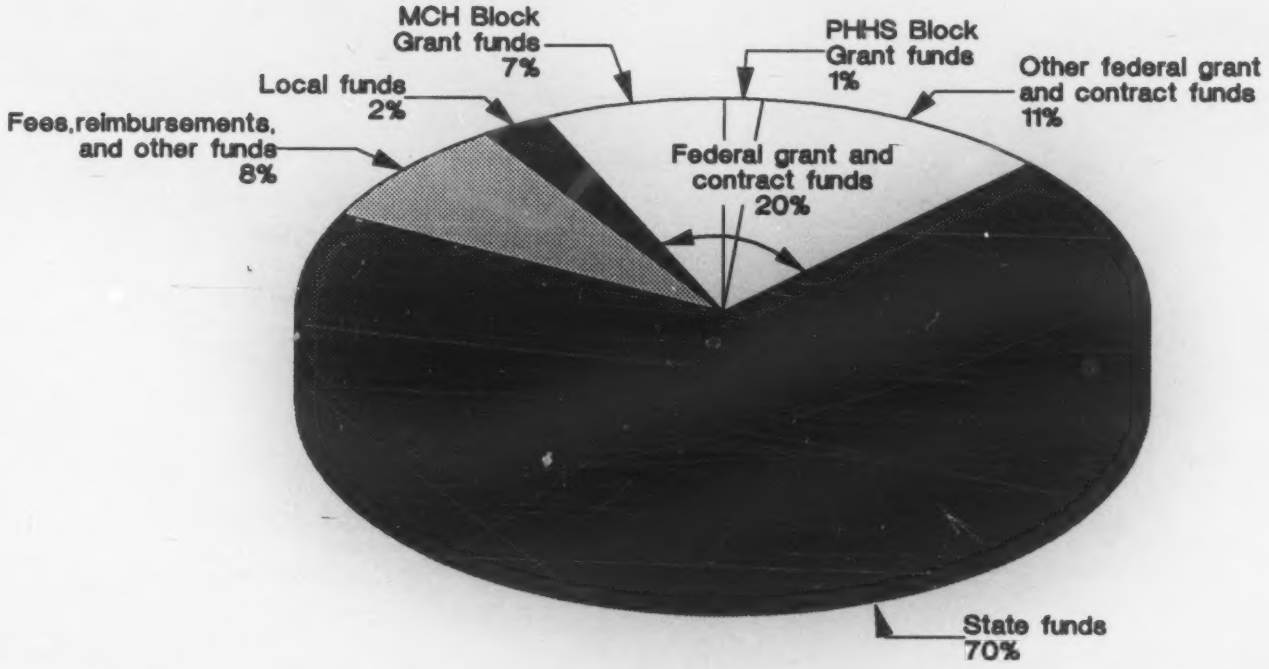
FIGURE 7A.
STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1986


MCH Block Grant funds 5%
Local funds 2%
Fees, reimbursements, and other funds 6%
USDA-WIC funds 21%
Federal grant and contract funds 36%
Other federal grant and contract funds 9%
PHHS Block Grant funds
State funds 55%

TOTAL: $7,464 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

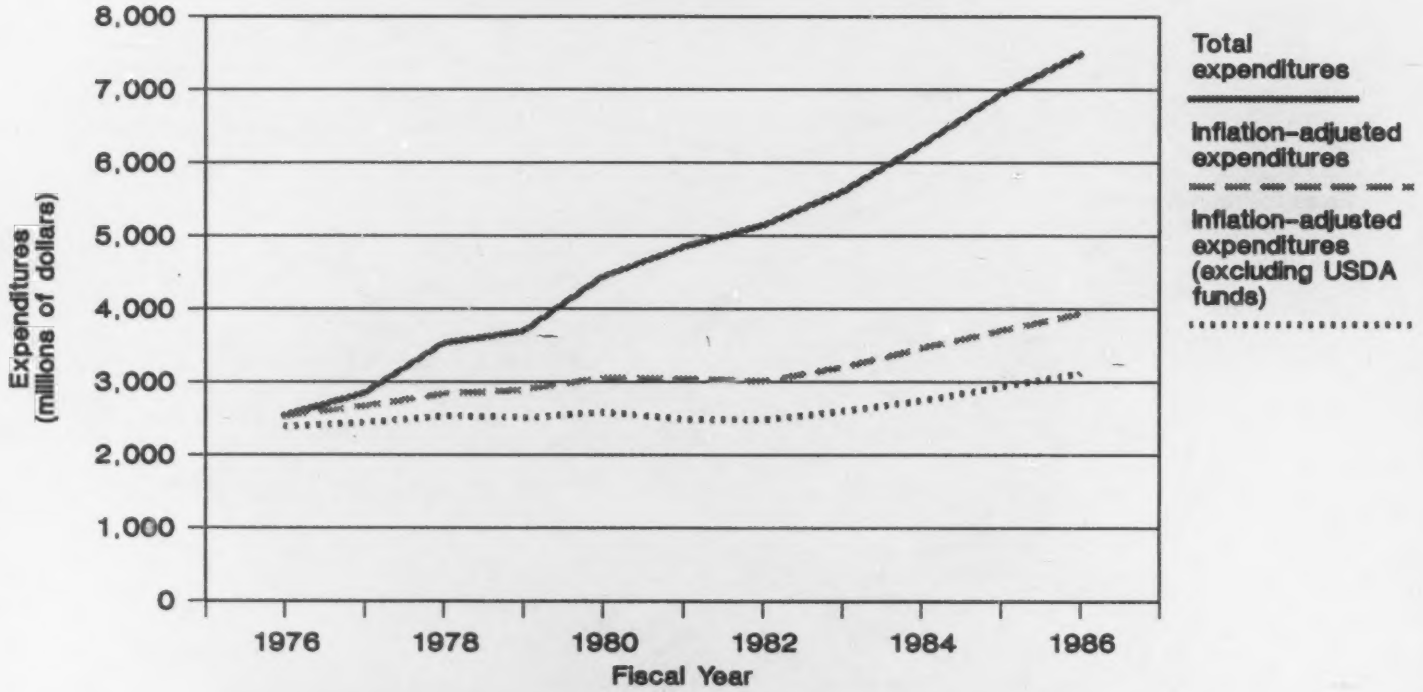
FIGURE 7B.
STATE HEALTH AGENCY EXPENDITURES, EXCLUDING USDA-WIC FUNDS, BY SOURCE OF FUNDS, FISCAL YEAR 1986


MCH Block Grant funds 7%
PHHS Block Grant funds 1%
Other federal grant and contract funds 11%
Local funds 2%
Fees, reimbursements, and other funds 8%
Federal grant and contract funds 20%
State funds 70%

TOTAL: $5,930 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 8.
TRENDS IN TOTAL STATE HEALTH AGENCY EXPENDITURES, FISCAL YEARS 1976 – 1986

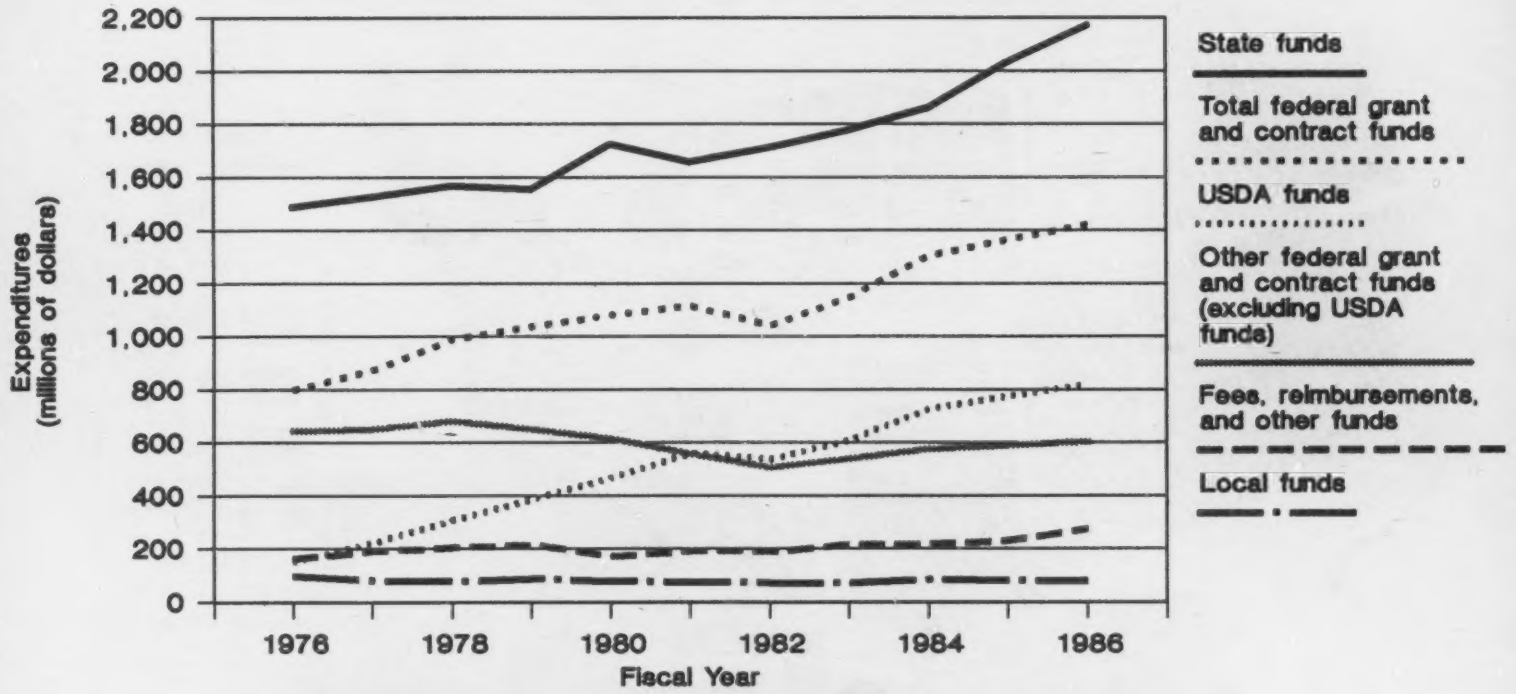


Note: Inflation–adjusted expenditures have been deflated to the equivalent of 1976 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI–W)," April 1988.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period.

Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 9.
TRENDS IN STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEARS 1976 – 1986

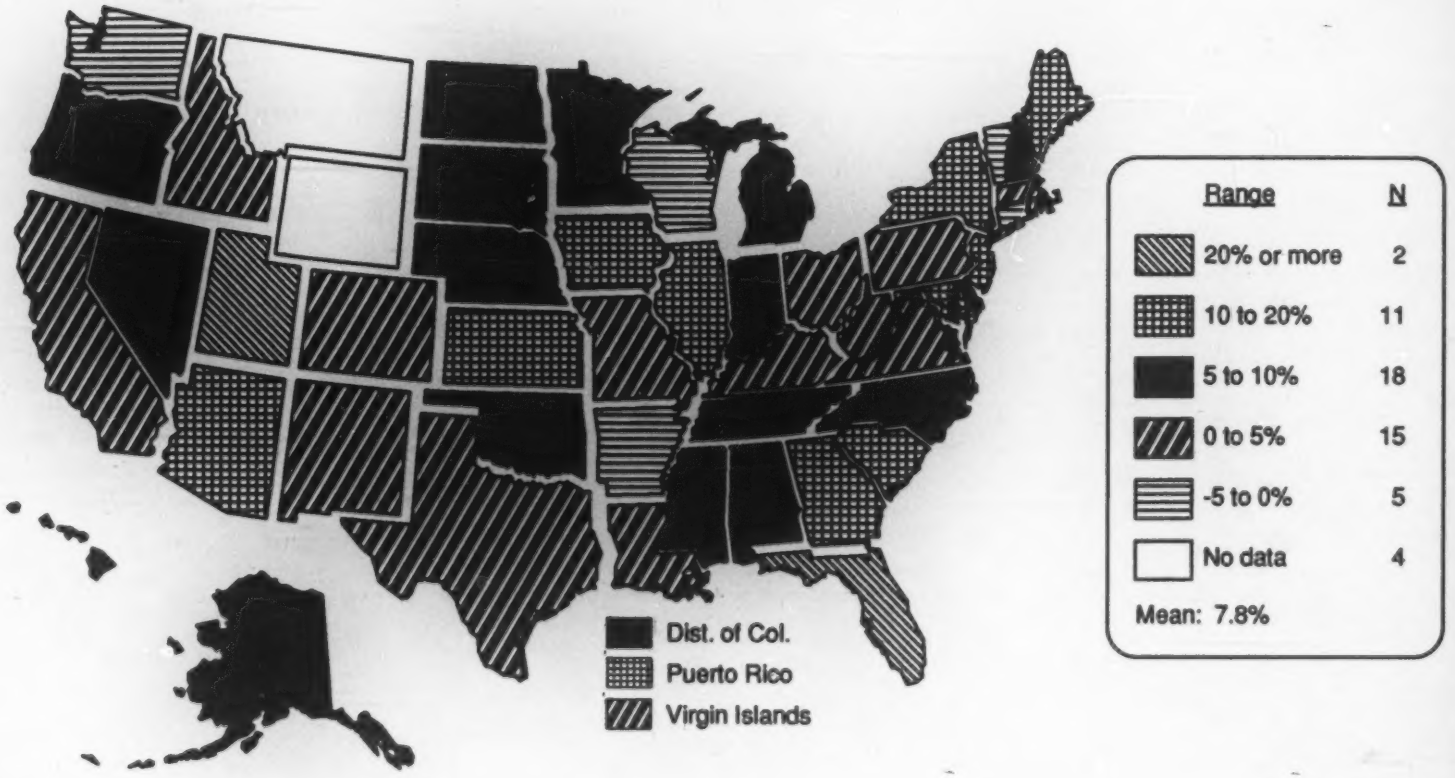


Note: All expenditures have been deflated to the equivalent of 1976 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W)," April 1988.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period.

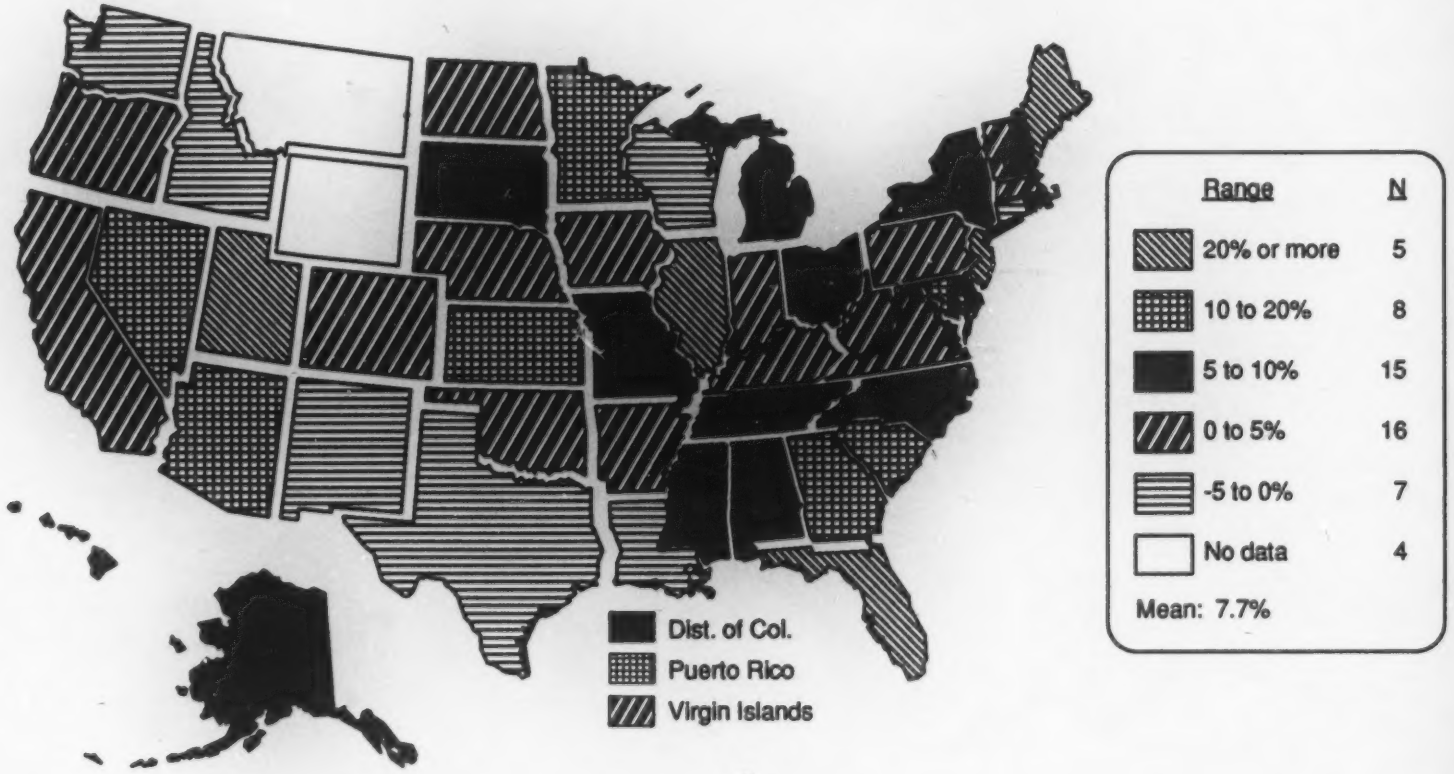
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 10A.
CHANGE IN STATE HEALTH AGENCY EXPENDITURES,
FISCAL YEARS 1985 - 1986



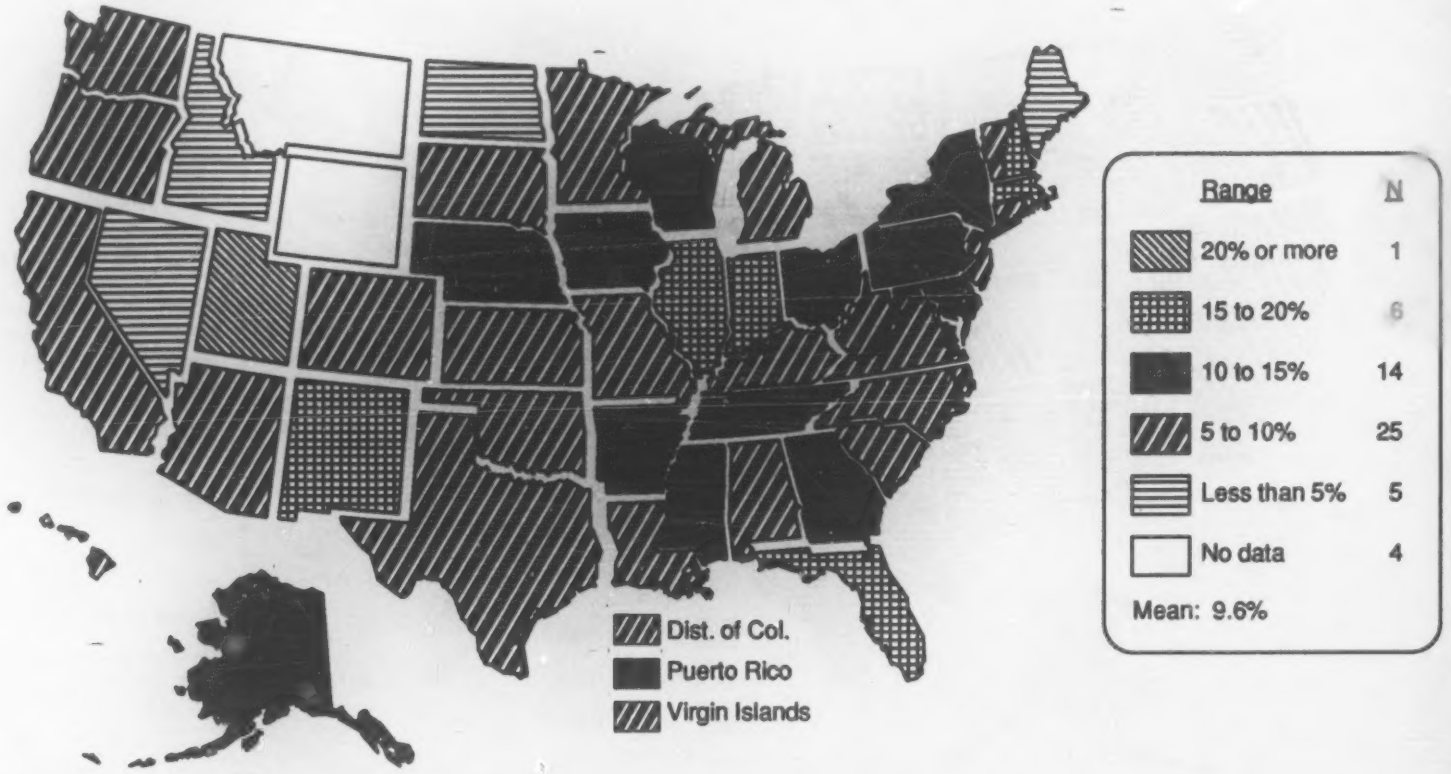
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 10B.
CHANGE IN STATE HEALTH AGENCY EXPENDITURES, EXCLUDING USDA-WIC FUNDS, FISCAL YEARS 1985 - 1986



Source: PUBLIC HEALTH FOUNDATION • June 1988

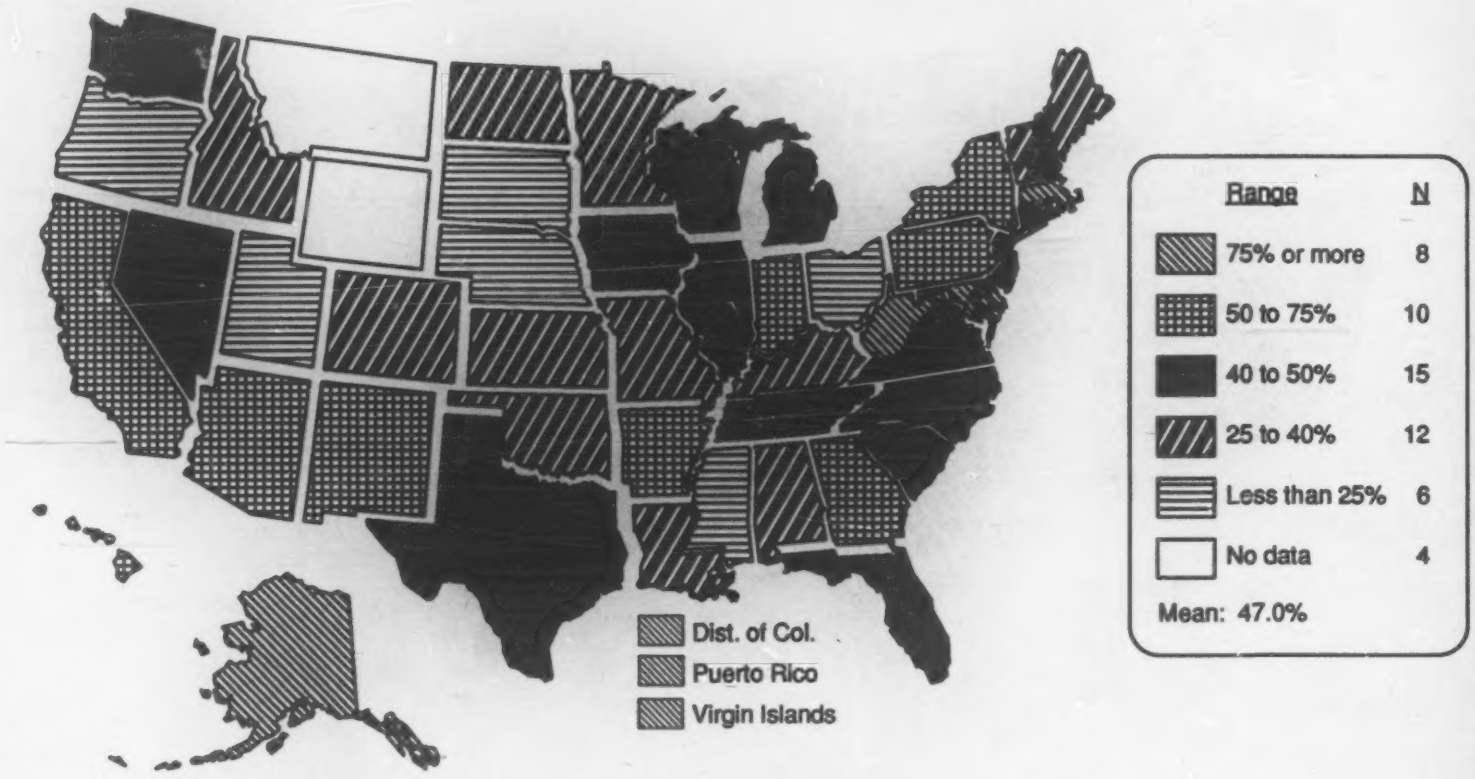
FIGURE 11.
AVERAGE ANNUAL RATE OF CHANGE IN STATE HEALTH AGENCY EXPENDITURES, FISCAL YEARS 1982 - 1986



Note: Some data have been adjusted to account for major changes in state health agency programmatic responsibilities during the period.

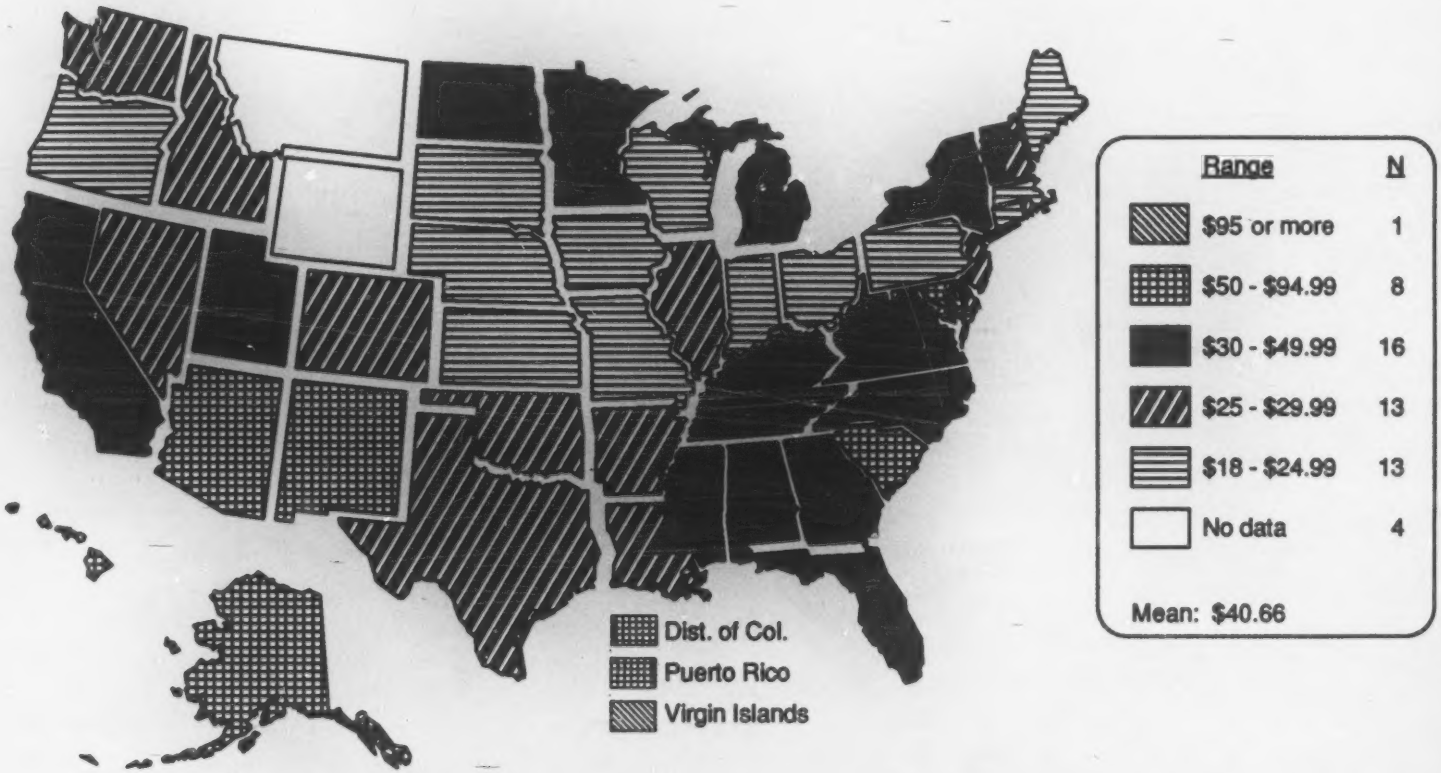
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 12.
EXPENDITURES OF STATE FUNDS AS A PERCENTAGE OF STATE HEALTH AGENCY EXPENDITURES, FISCAL YEAR 1986



Source: PUBLIC HEALTH FOUNDATION • June 1988

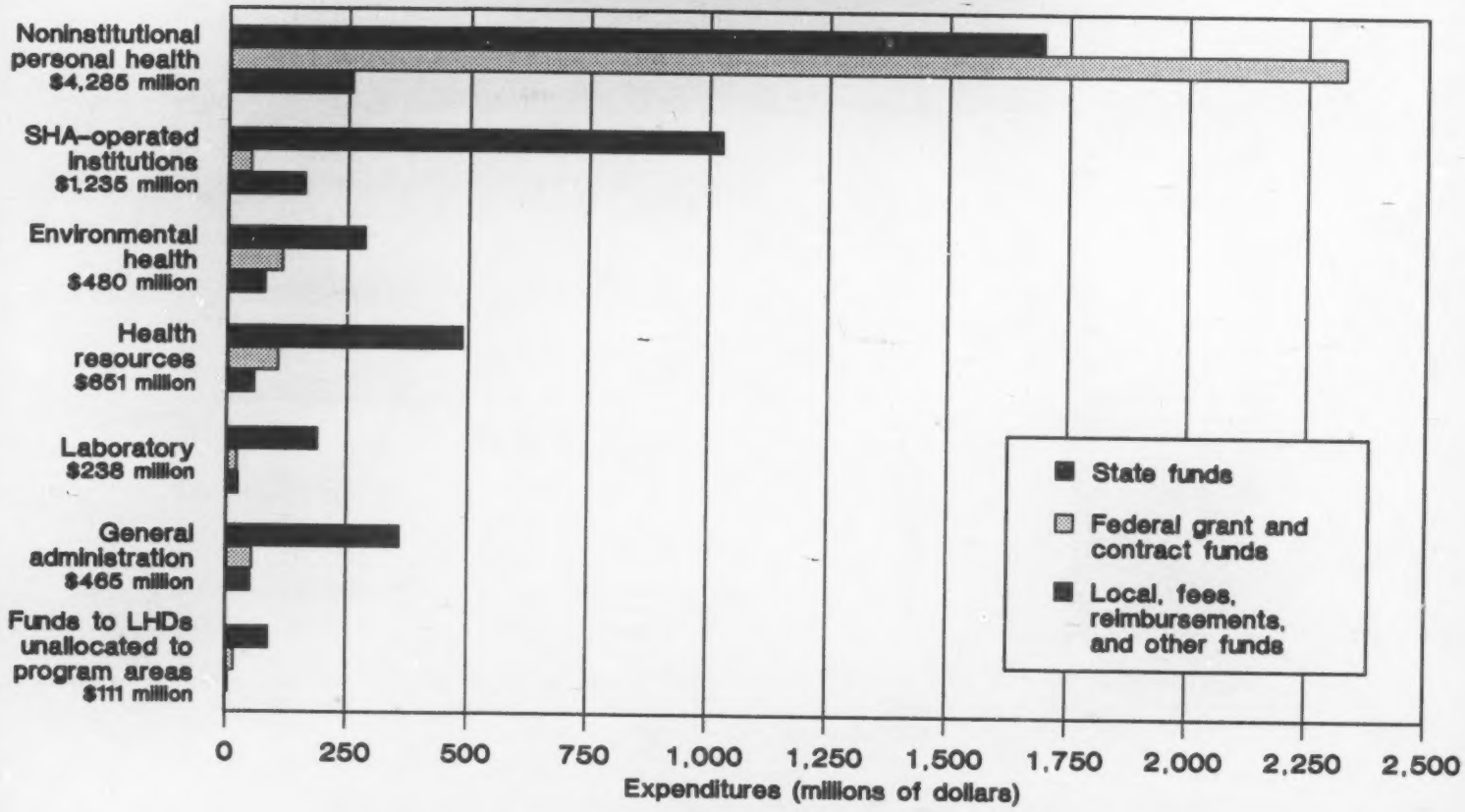
FIGURE 13.
PER CAPITA EXPENDITURES OF STATE HEALTH AGENCIES AND LOCAL HEALTH DEPARTMENTS, FISCAL YEAR 1986



Note: Figures include expenditures of the separate State Crippled Children's Agencies. Figures do not include expenditures of mental health programs and expenditures of SHA-operated institutions.

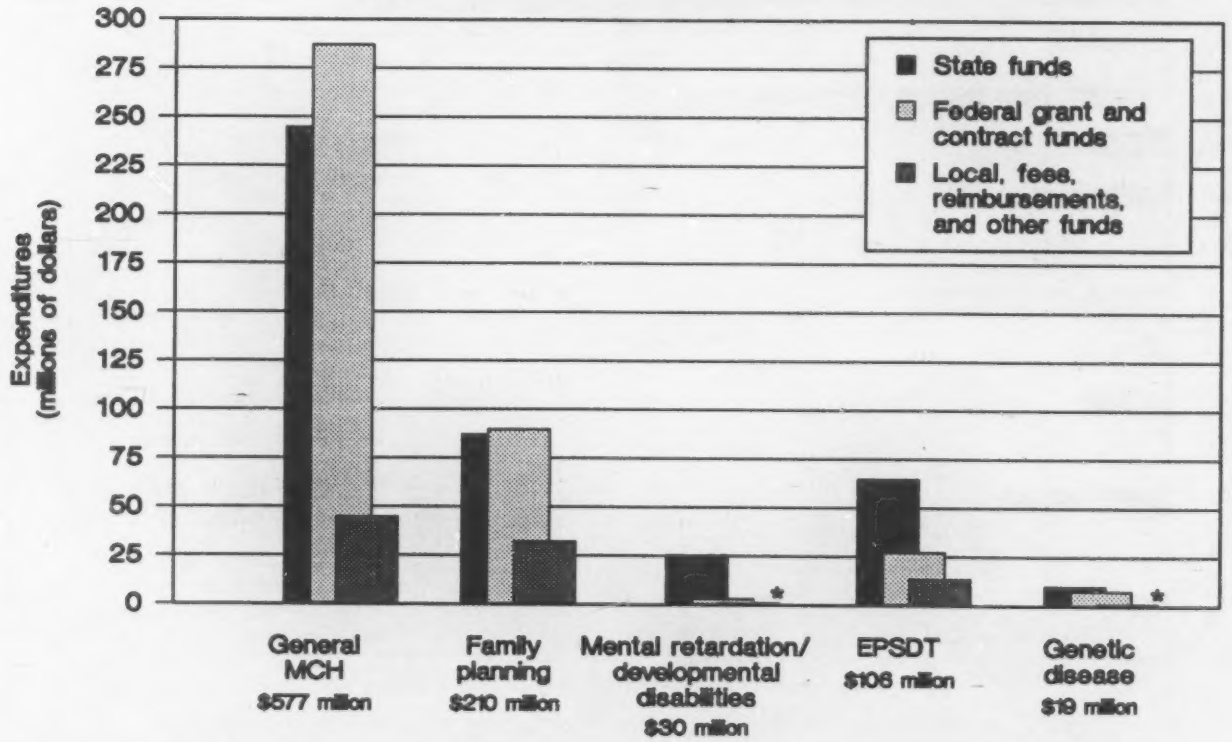
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 14.
STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS AND BY PROGRAM AREA, FISCAL YEAR 1986



Source: PUBLIC HEALTH FOUNDATION • June 1988

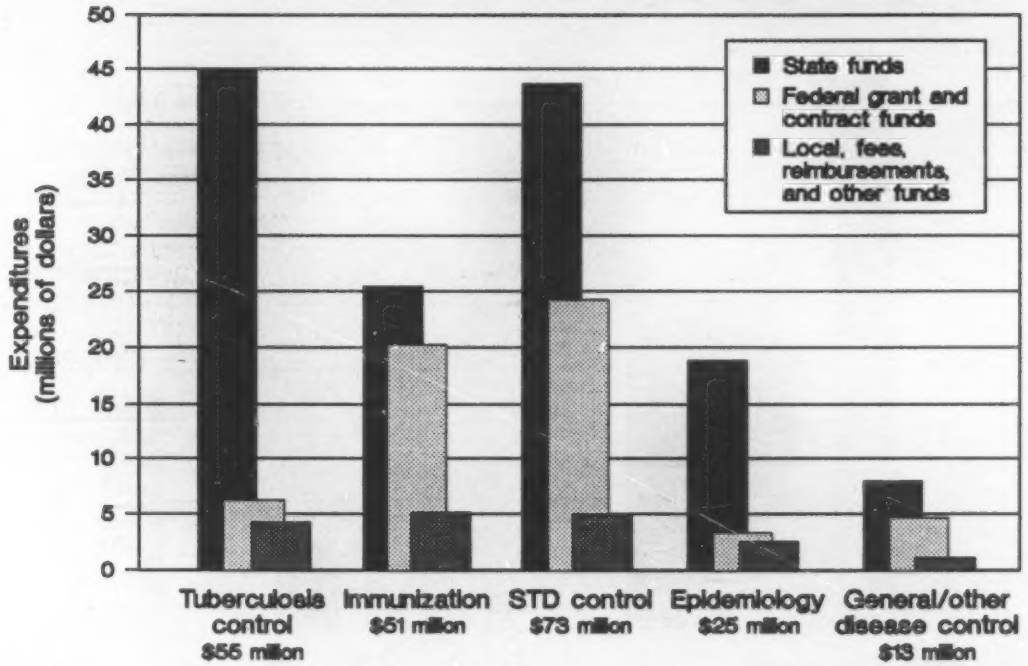
FIGURE 15.
MATERNAL AND CHILD HEALTH PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY PROGRAM SUBCATEGORY AND BY SOURCE OF FUNDS, FISCAL YEAR 1986



* Dollar amounts from this source are not large enough to be represented accurately.

Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 16.
COMMUNICABLE DISEASE CONTROL PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY PROGRAM SUBCATEGORY AND BY SOURCE OF FUNDS, FISCAL YEAR 1986

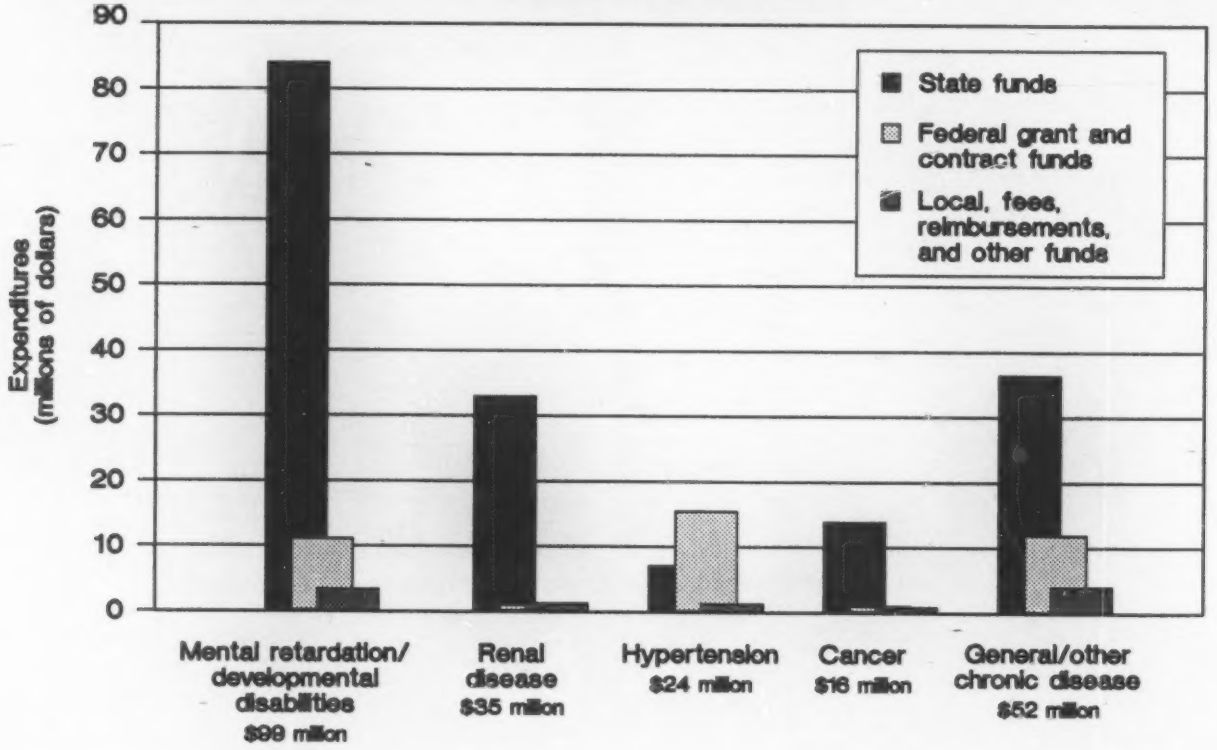


Note: State health agency expenditures of federal grant and contract funds for tuberculosis, STD control, and immunization programs may differ from the amounts allocated. The FY 1986 allocations were $4.7 million for tuberculosis (Section 317, PHS Act), $44.9 million for STD control (Section 318, PHS Act), and $44.1 million for immunization (Section 317, PHS Act).

These figures reflect only state health agency expenditures and do not include federal funds provided directly to local health agencies or direct assistance in lieu of cash (e.g., travel or provision of vaccines and personnel). Another factor contributing to the difference between amounts allocated and amounts expended is that, while expenditures are reported for the states' fiscal year (usually July-June), allocations are for the federal fiscal year (October-September).

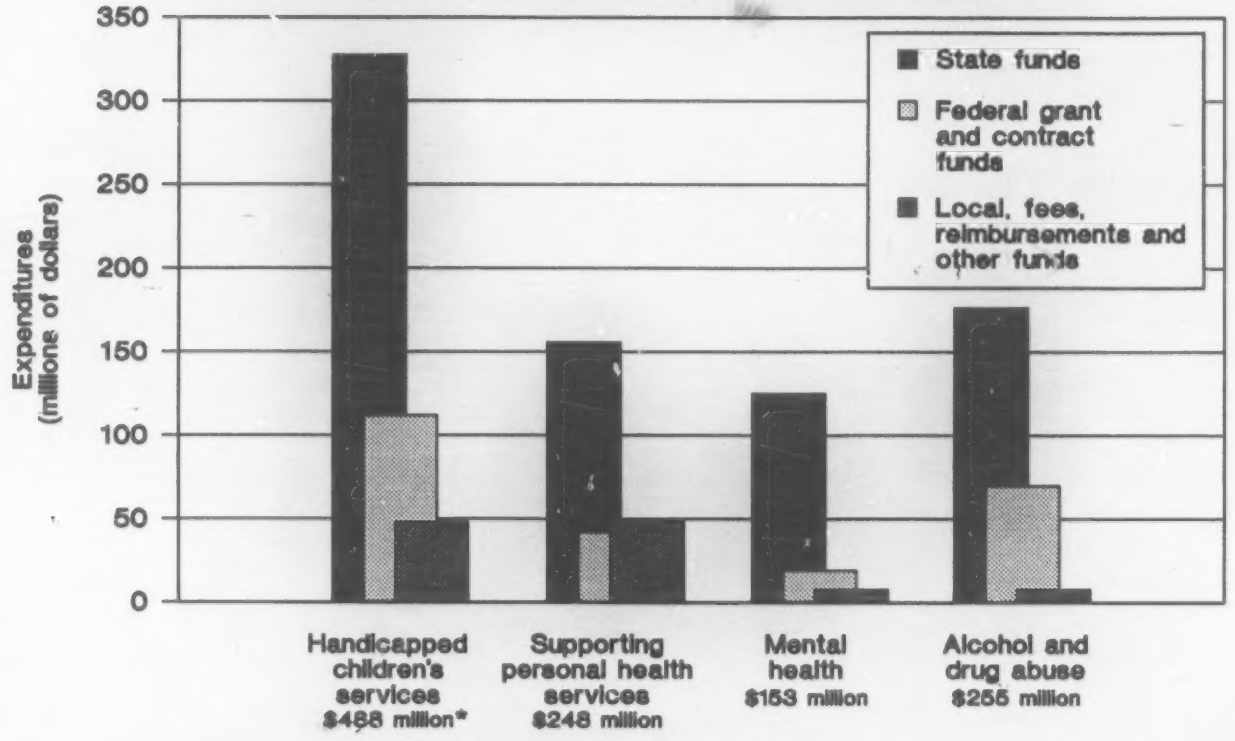
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 17.
CHRONIC DISEASE PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY PROGRAM SUBCATEGORY AND BY SOURCE OF FUNDS, FISCAL YEAR 1986



Source: PUBLIC HEALTH FOUNDATION ♦ June 1988

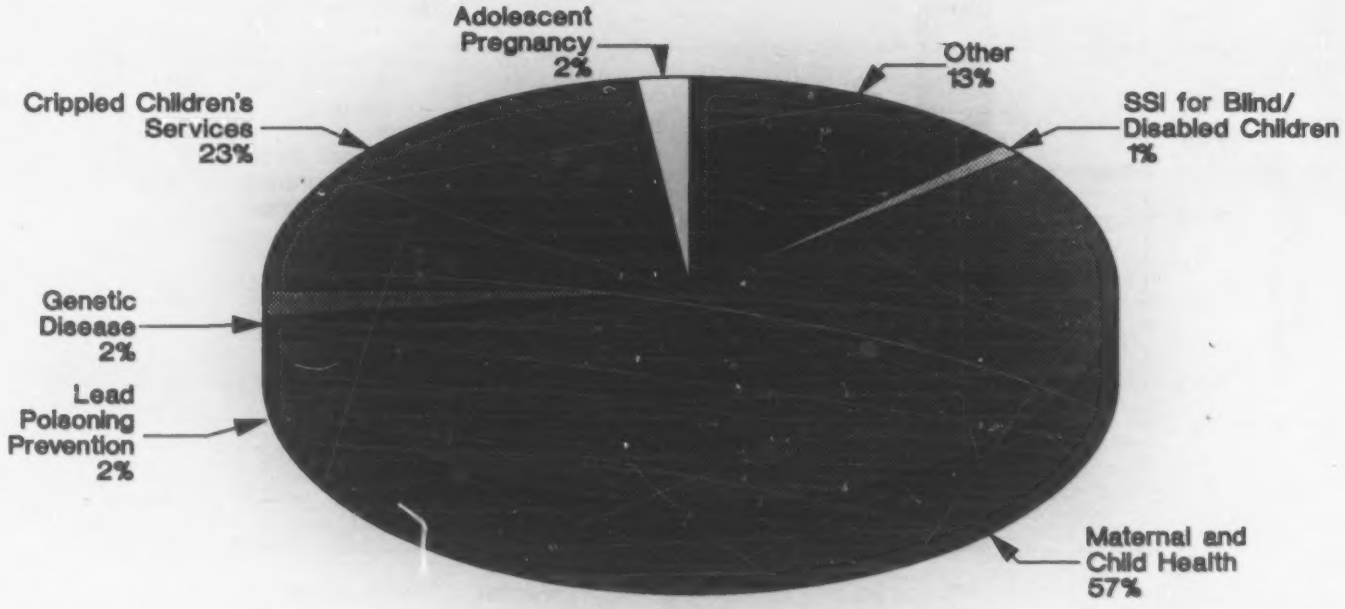
FIGURE 18.
SELECTED PERSONAL HEALTH PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1986



*Includes expenditures of handicapped children's hospitals and separate State Crippled Children's Agencies.

Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 19.
EXPENDITURES OF MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT FUNDS, DISTRIBUTED TO FORMER CATEGORICAL GRANT AREAS, FISCAL YEAR 1986

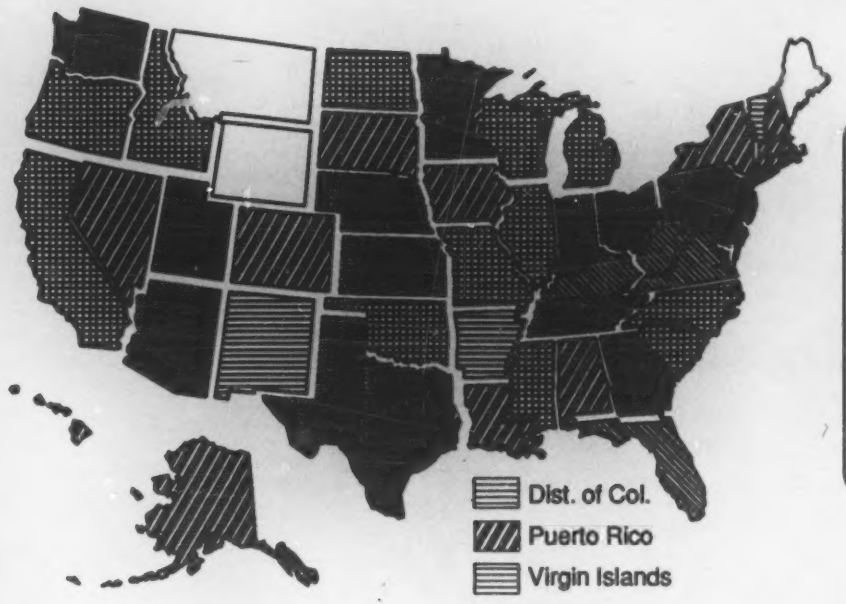


TOTAL: $438 MILLION *

* Includes funds spent by state health agencies and separate State Crippled Children's Agencies (SCCAs).

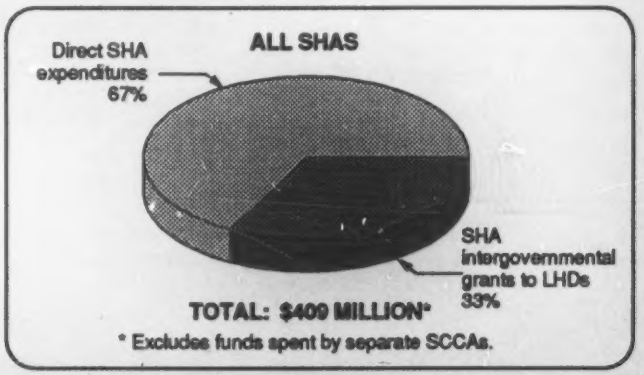
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 20.
PERCENTAGE OF MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT FUNDS ALLOCATED TO LOCAL HEALTH DEPARTMENTS BY STATE HEALTH AGENCIES, FISCAL YEAR 1986



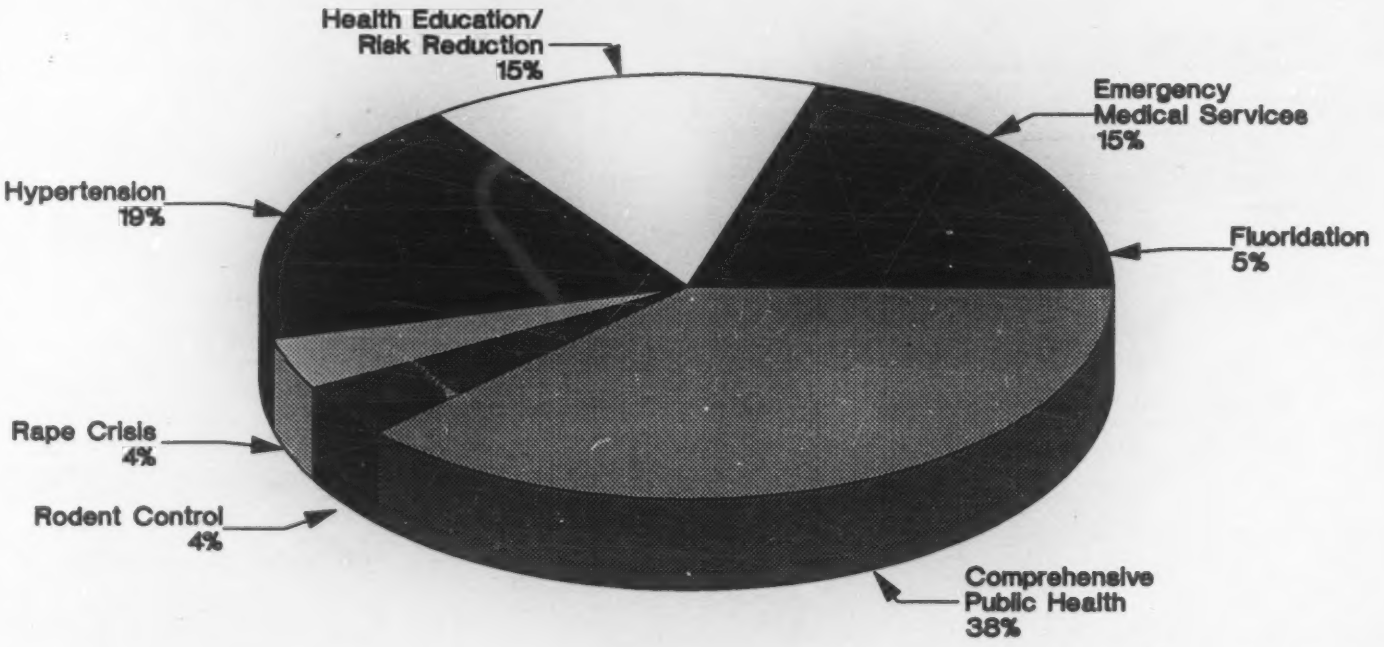
Range	N
75% or more	4
40 to 75%	12
15 to 40%	14
Less than 15%	13
No LHDs	7
No data	5

Mean: 33.4%


ALL SHAS
Direct SHA expenditures 67%
SHA intergovernmental grants to LHDs 33%
TOTAL: $409 MILLION*
* Excludes funds spent by separate SCCAs.

Source: PUBLIC HEALTH FOUNDATION • June 1988

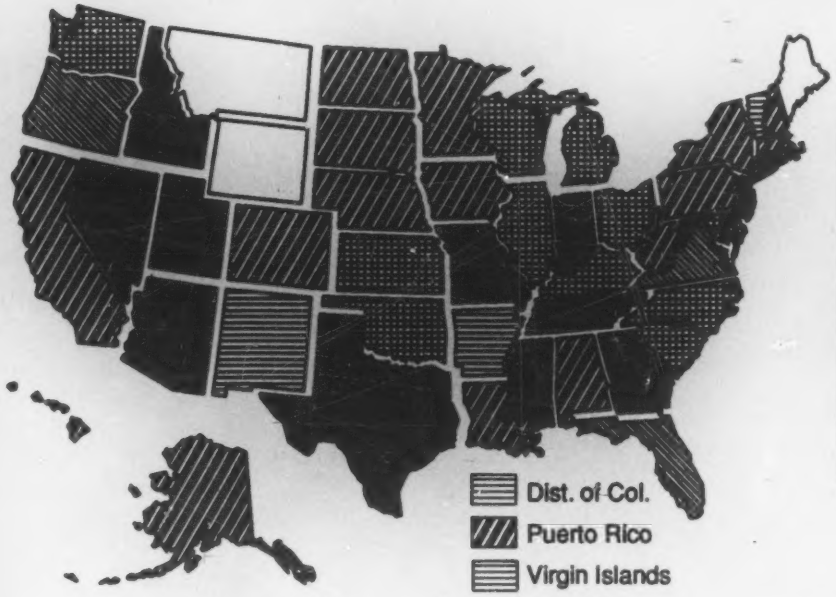
FIGURE 21.
STATE HEALTH AGENCY EXPENDITURES OF PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FUNDS, DISTRIBUTED TO FORMER CATEGORICAL GRANT AREAS, FISCAL YEAR 1986



TOTAL: $87 MILLION

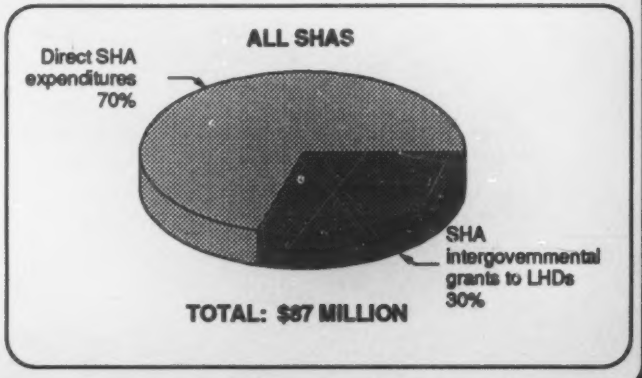
Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 22.
PERCENTAGE OF PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FUNDS ALLOCATED TO LOCAL HEALTH DEPARTMENTS BY STATE HEALTH AGENCIES, FISCAL YEAR 1986



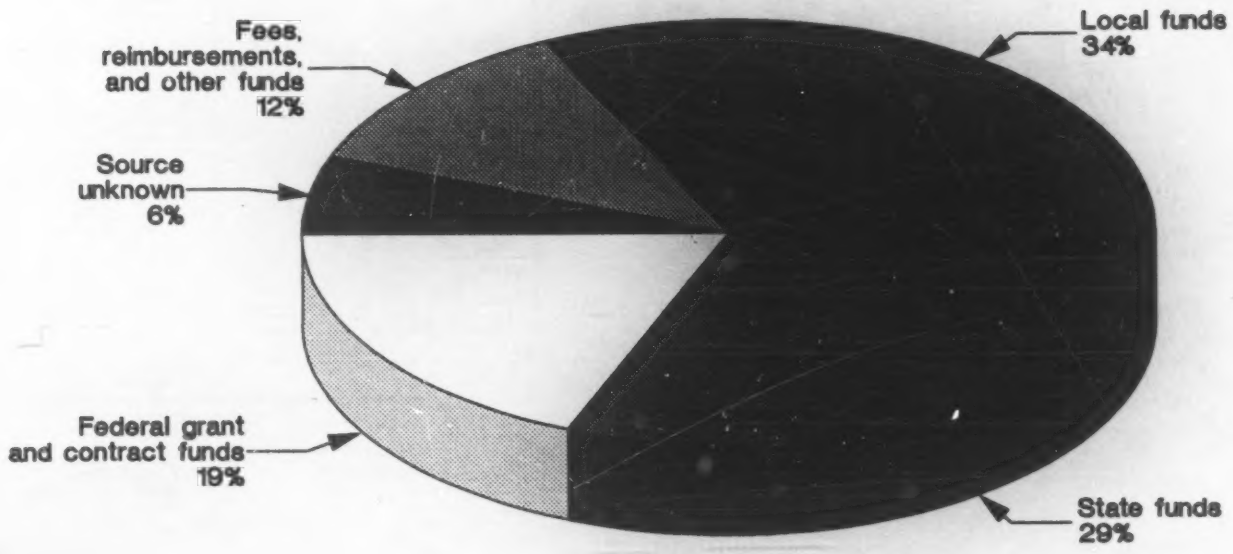
Range	N
75% or more	3
40 to 75%	11
15 to 40%	12
Less than 15%	17
No LHDs	7
No data	5

Mean: 29.3%



Source: PUBLIC HEALTH FOUNDATION • June 1988

FIGURE 23.
LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FY 1986


Fees, reimbursements, and other funds 12%
Source unknown 6%
Federal grant and contract funds 19%
Local funds 34%
State funds 29%

TOTAL: $3,619 MILLION

Source: PUBLIC HEALTH FOUNDATION • June 1988

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